

## ABSTRACT OF THE DISCLOSURE

A method and system are provided for determining a condition of a selected region of tissue to facilitate the location of surgical resection margins. Electropotential and impedance are measured at one or more locations in an area of the body where tissue is to be removed. An agent may be introduced into the region of tissue to enhance electrophysiological characteristics of that tissue. The condition of the tissue is measured by electropotential and impedance profile. Differences in the profile are used to determine the borders between normal and abnormal tissue so as to facilitate what tissue to resect. Methods and apparatus are also disclosed to determine the efficacy of various therapies.

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